

## INTERNATIONAL SEARCH REPORT

national Application No

PCT/GB2004/004710

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47C23/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47C A63H A61F F16F E04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 367 897 A (COUSINS ET AL) 11 January 1983 (1983-01-11)  column 2, line 23 - column 2, line 66 figures	1-3,6-8, 20-24, 29,35, 36,39, 41-49
A	GB 2 235 030 A (* HUGH STEEPER LIMITED; * KEITH NATHANIEL JONES) 20 February 1991 (1991-02-20) abstract; figures	1-49
A	US 4 484 778 A (COUSINS ET AL) 27 November 1984 (1984-11-27) abstract; figures	1-49
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

14 April 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 143 123 A (ROBERT JOHN * WATTS) 6 February 1985 (1985-02-06) abstract; figures -----	1-49
X	GB 2 335 669 A (PHILIP RUDOLPH * ENOS) 29 September 1999 (1999-09-29) abstract page 7, line 16 - page 7, line 22 figure 5 -----	53-68, 72,73,77
A	US 4 971 285 A (BECHU ET AL) 20 November 1990 (1990-11-20) abstract; figures -----	53-83

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/GB2004/004710

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4367897	A	11-01-1983	NONE	
GB 2235030	A	20-02-1991	NONE	
US 4484778	A	27-11-1984	AT 19352 T CA 1199568 A1 DE 3270723 D1 DK 145282 A ,B, EP 0062448 A1 GB 2095546 A ,B US 4592587 A	15-05-1986 21-01-1986 28-05-1986 01-10-1982 13-10-1982 06-10-1982 03-06-1986
GB 2143123	A	06-02-1985	AU 3106084 A EP 0179766 A1 WO 8500276 A1 IT 1179725 B US 4688853 A	07-02-1985 07-05-1986 31-01-1985 16-09-1987 25-08-1987
GB 2335669	A	29-09-1999	AU 3157199 A WO 9949150 A1 GB 2335672 A ,B	18-10-1999 30-09-1999 29-09-1999
US 4971285	A	20-11-1990	FR 2639077 A1 CA 1314916 C DE 369885 T1 EP 0369885 A1 GR 90300119 T1 JP 2195042 A	18-05-1990 23-03-1993 17-01-1991 23-05-1990 27-09-1991 01-08-1990